

Long Range Transmitter Triggered By Two Normally Open Dry Contacts (Model 0021049)

Package Include:

1 x Transmitter: CC-2N-2
1 x User manual

Working Principle:

Transmitter CC-2N-2 is a special remote control with normally open contact trigger. It has 3 input terminals (COM, Signal 1, Signal 2) for connecting two devices with normally open contact, such as warning host, detectors, sensors, limit switches, Programmable Logic Controllers and so on. This transmitter can be combined with different types of long range (5000M) receivers to form a wireless control system, and this system is used to wirelessly control the device A through the device B with normally open contact.

Application:

You can use this transmitter and the receiver to remotely control the AC or DC devices by the normally open contact of another device. Such as water pump automatic control system for tank (see attached diagram). You can connect two water level sensors to this transmitter, and connect the water pump to the receiver, then the pump will automatically work according to the water level.

When the water reaches the low water level, the water level sensor 1 is triggered, the transmitter automatically emits a wireless signal "ON". When the receiver receives this wireless signal, it will turn on the pump motor to pump water into the tank.

When the water reaches the high water level, the water level sensor 2 is triggered, the transmitter automatically emits a wireless signal "OFF". When the receiver receives this wireless signal, it will turn off the pump motor to stop pumping water.

Feature:

Wireless control, easy to install.

Triggered By Two Normally Open Dry Contacts.

Wireless RF signal can pass through walls, floors, doors or windows.

Reliable control: The signal has thousands of different combinations, and the receiver only works with the transmitter which use the same code.

Waterproof: The transmitter has waterproof case and waterproof connector, it can be installed outdoors.

One/several transmitters can control one/several receivers simultaneously.

You can use two or more units in the same place.

Transmitter Parameters:

Model No.: CC-2N-2

With 3 trigger terminals (COM, Signal 1 and Signal 2)

Triggering method: When terminal "Signal 1" and terminal "COM" are connected, it will send wireless signal "ON". When terminal "Signal 2" and terminal "COM" are connected, it will send wireless signal "OFF".

With two buttons: red button and black button

Operating Voltage: 12V (12V Rechargeable Lithium Battery)

Static Current: 3mA

Operating Current: 50~80mA

Operating Frequency: 433.92MHz

Transmitting Distance: 5000m / 15000ft (theoretically)

It has a power switch on the side.

Unit Size: 178mm x 120mm x 60mm

Working Range:

With a receiver (such as S1PUW-AC-ANT3) to form a complete set, the maximum working distance can reach 5000M in an open ground.

The maximum working distance is a theoretical data, it shall be operated in an open ground, no barriers, no any interference. But in the practice, it will be hindered by trees, walls or other constructions, and will be interfered by other wireless signals. Therefore, the actual distance may not reach this maximum working distance.

Usage:

If you want to control the device A by two normally open contacts of the device B, do as following:

1. Connect the device A to the receiver.
2. Connect the normally open contact 1 from the device B to the transmitter's terminal "Signal 1" and "COM"
3. Connect the normally open contact 2 from the device B to the transmitter's terminal "Signal 2" and "COM"
4. When the normally open contact 1 is connected, the transmitter's terminal "Signal 1" and "COM" is also connected; the transmitter automatically emits a wireless signal "ON", which is equivalent to the function of the red button on the transmitter. When the receiver receives this wireless signal, it will activate its relay to turn on the device A.
5. When the normally open contact 2 is connected, the transmitter's terminal "Signal 2" and "COM" is also connected; the transmitter automatically emits a wireless signal "OFF", which is equivalent to the function of the black button on the transmitter. When the receiver receives this wireless signal, it will deactivate its relay to turn off the device A.
6. You also can press red button or black button on the transmitter to turn on / off the device A.

